Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

1.1. Name of the Data, data collection Project, or data-producing Program:
Gulf of the Farallones National Marine Sanctuary Boundary (polygon)

1.2. Summary description of the data:
The Office of National Marine Sanctuaries manages a system of sanctuaries and other managed areas around the country. The legal boundaries of These sanctuaries are defined within the Code of Federal Regulations, at 15 C.F.R. Part 922 and the subparts for each national marine sanctuary. The GIS compatible digital boundary files for each national marine sanctuary are representations of those legal boundaries and are based on the best available data. These files are available for public use at locations defined in this metadata record.

1.3. Is this a one-time data collection, or an ongoing series of measurements?
One-time data collection

1.4. Actual or planned temporal coverage of the data:
2004-12

1.5. Actual or planned geographic coverage of the data:
W: -124.33350005978, E: -122.62793731655, N: 39.00000190696, S: 37.49417999851

1.6. Type(s) of data:
(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
vector digital data

1.7. Data collection method(s):
(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:
GIS Coordinator

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:
Office of National Marine Sanctuaries

2.4. E-mail address:
sanctuaries@noaa.gov

2.5. Phone number:
(301) 713-3125

3. Responsible Party for Data Management
Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:
GIS Coordinator

3.2. Title:
Data Steward

4. Resources
Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):

5. Data Lineage and Quality
NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible
(describe or provide URL of description):
Process Steps:
- 2004-12-01 00:00:00 - The geographic boundary coordinates listed within the United StatesCode of Federal Regulations (CFR) were converted to decimal

degreesand a text file was created. A point coverage was then generatedusing ArcInfo GIS. The coverage was projected into the GeographicCoordinate System and overlaid on large scale nautical charts andanalyzed with additional data such as adjacent sanctuaries andshorelines. Specific attention was given to analysis ofinconsistencies between textual descriptions and listedcoordinates. The polyline files were created using a combination of thecoordinate list from the CFR and applicable shoreline vector files. Forpoint files, two methods were used. If the sanctuary had a shorelinecomponent, a polyline to point script was used to create a point foreach vertice. If a shoreline component was not present, then theoriginal coordinates from the CFR were used to create a point shapefile.Polygon files were created by converting polylines to polygons. Formore detailed process description, please use contact information below.

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):

6. Data Documentation

The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?
No

6.1.1. If metadata are non-existent or non-compliant, please explain:
Missing/invalid information:
- 1.7. Data collection method(s)
- 4.1. Have resources for management of these data been identified?
- 4.2. Approximate percentage of the budget for these data devoted to data management
- 5.2. Quality control procedures employed
- 7.1. Do these data comply with the Data Access directive?
- 7.1.1. If data are not available or has limitations, has a Waiver been filed?
- 7.1.2. If there are limitations to data access, describe how data are protected
- 7.4. Approximate delay between data collection and dissemination
- 8.1. Actual or planned long-term data archive location
- 8.3. Approximate delay between data collection and submission to an archive facility
- 8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

    6.2. Name of organization or facility providing metadata hosting:
        NMFS Office of Science and Technology

        6.2.1. If service is needed for metadata hosting, please indicate:

    6.3. URL of metadata folder or data catalog, if known:
        https://inport.nmfs.noaa.gov/inport/item/40043

    6.4. Process for producing and maintaining metadata
    (describe or provide URL of description):
        Metadata produced and maintained in accordance with the NMFS Data Documentation
        Procedural Directive: http://www.nmfs.noaa.gov/op/pds/documents/04/111/04-111-01.pdf

7. Data Access
NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

    7.1. Do these data comply with the Data Access directive?

        7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

        7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

    7.2. Name of organization of facility providing data access:
        Office of National Marine Sanctuaries

        7.2.1. If data hosting service is needed, please indicate:

        7.2.2. URL of data access service, if known:

    7.3. Data access methods or services offered:
        Gulf of the Farallones National Marine Sanctuary Digital Boundary File (gfnms_py.shp)
        Digital boundry files are available for public consumption from the Office of National
        Marine Sanctuaries through their internet site. Because URL addresses and pages
        change, the actual data URL is not listed here, but will be searchable within the site (http:
        //sanctuaries.noaa.gov/) Requests may also be made through the ONMS Boundary

Coordinator. See Distributor Contact Information for contact details.;

7.4. Approximate delay between data collection and dissemination:

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

8. Data Preservation and Protection
The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:
(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)

8.1.1. If World Data Center or Other, specify:

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

8.2. Data storage facility prior to being sent to an archive facility (if any):
Office of National Marine Sanctuaries - Silver Spring, MD

8.3. Approximate delay between data collection and submission to an archive facility:

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?
Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection

9. Additional Line Office or Staff Office Questions
Line and Staff Offices may extend this template by inserting additional questions in this section.